BRUHAT BANGALORE MAHANAGARA PALIKE
YELAHANKA ZONE

Name of work: Estimate for the Work of Construction of Concrete Drain at Kempegowdanagara in Ward No. 9, Vidyaranyapura Sub Division.

Estimate Cost Rs. 800000.00

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRB 2-2.2 : Earth work excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in **hard soil** not exceeding 1.5m , in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. specification, specification. No. KBS 2.1(b) / 2.3.5, **Page No. 5 / Item No. 2.4/ PWD SR 2012-13**	Cum							
	For CC Drain		1	238.00	0.90	0.90	192.78		
							192.78	201.96	38934.00
	Basic Rate	187.00							
	Area Weightage @ 8%	14.96							
	Total	**201.96**							
2	KSRB 4-1.3 : Providing and laying in position plain cement concrete of **mix M7.5 with OPC cement @ 180 kgs with 40mm** and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregares @ 0.57 cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2. **No. 12/ Item No. 4.3/ PWD SR 2012-13**	Cum							
	Walls		1	238.00	0.90	0.15	32.13		
							32.13	3884.76	124817.00
	Basic Rate	3597.00							
	Area Weightage @ 8%	287.76							
	Total	**3884.76**							

No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
3	KSRB 4.2.2 : Providing and laying in position **reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs with 20mm and down size** graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum with superplastisiser @ 3 lts confirming to IS 9103-1999 reaffirmed-2008 , machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, walls (any thickness) including attached plasters, column, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1,4.6, **No. 13/ Item No. 4.11/ PWD SR 2012-13**	Cum							
	For CC Drain Bottom		1	238.00	0.80	0.10	19.04		
	Side walls		2	238.00	0.10	0.60	28.56		
							47.60	5239.08	**249380.00**
	Basic Rate	4851.00							
	Area Weightage @ 8%	388.08							
	Total	**5239.08**							
4	KSRB 4.9.1: Providing Mild steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 **Page No. 19/ Item No. 4.45/ PWD SR 2012-13**	Qtl							
	For CC Drain @ 60 Kg/Cum		0.60	47.60			28.56		
							28.56	7835.40	**223779.00**
	Basic Rate	7255.00							
	Area Weightage @ 8%	580.40							
	Total	**7835.40**							
5	KSRB 4-6.7 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1 m in depth including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 **Page No. 17/ Item No. 4.34/ PWD SR 2012-13**	Sqm							
	For Sides		2x2	238.00	0.70		666.40		
							666.40	222.48	**148261.00**
	Basic Rate	206.00							
	Area Weightage @ 8%	16.48							
	Total	**222.48**							

No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
6	Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km	Cum							
						Vide Item No. 1	192.78	72.71	14016.00
	Basic rate for haulage of materials as per item no.17.4 page 141) Rs. 2.00								
	Average weight of earth 1.28 tonne / kg for 2.00X1.28X2 = 5.12						5.12		
	Add loading and unloading Vide item no.17.1 P.no.141						62.20		
							67.32		
	Area Weightage @ 8%						5.39		
	Total						72.71		
7	Miscellaneous and unforeseen charges	L/S							813.00
								Total	800000.00

(Rupees Eight Lakhs Only)

Technical sanction for ₹ 8.00 lakhs ....
Eight lakhs only.
under P1878.
registered as EE No: 231 /12-13 Subject to conditions contained enclosed memo.
No: 231/12-13 / 10/9/12 Dt.

AE/JE

EE (TTP. Div.)

CERTIFICATE :

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per PWD SR of 2012-13.
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer

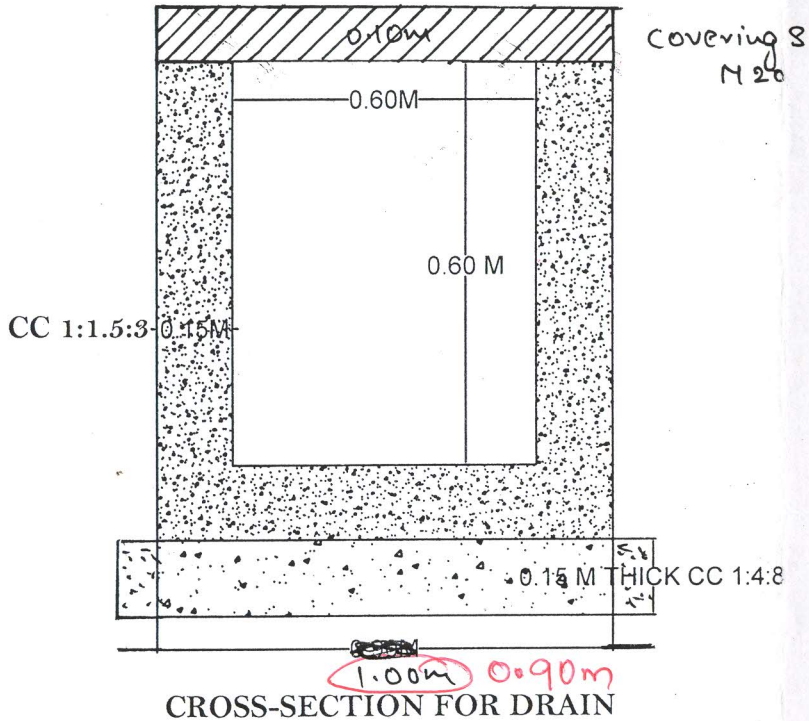
Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidyaranayapura Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

ADMINISTRATIVELY SANCTIONED FOR Rs. 8.00 lakhs only
Rupees Eight Lakhs only
Under P1878
Registered as EE ( ) No. 3 ...9....
Subject to conditions contained in
enclosed memo EE ( ) No 548/12-13
Dt 10.09.12 Estimate Sanctioned
JC(YNK)/AA/ 548/12-13
dated 10.09.12 Rs 8.00 lakhs only

Joint Commissioner
(Yelahanka Zone)
BBMP. Bengaluru-92.

Joint Commissioner
(Yelahanka Zone)
BBMP. Bengaluru-92.
ADMINISTRATIVELY SANCTIONED FOR Rs. ....
Rupees
Under
Registered as EE ( ) No. ....9....
Subject to conditions contained in
enclosed memo EE ( ) No. ....9/....
Dt Estimate A/S sanctioned
No
dated Rs



CROSS-SECTION FOR DRAIN

ASSISTANT ENGINEER

ASSISTANT EXECUTIVE ENGINEER
VIDYARANYAPURA SUB DIVISION.